"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S.G.

Mineralogy of sedimentory rocks and the petroleum industry of the U.S.S.R. Vop.min.osad.obr. 3/4:87-106 '56. (MLRA 9:11)

1. Institut nefti Akademii nauk SSSR, Moskva.
(Petroleum geology) (Rocks, Sedimentary)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

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15-57-12-17260

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 12, p 80 (USSR)

AUTHORS: Sarkisyan, S. G., Malkhasyan, E. G.

TITLE: Concretionary Formations in the Upper Cretaceous Deposits Near the Station of Romanovka (Konkretsionnyye obrazovaniya v verkhnemelovykh otlozheniyakh u st. Romanovka)

PERIODICAL: Sb. nauchn. tr. Yerevansk. politekhn. in-t, 1956, Nr 13, pp 65-68

ABSTRACT: Spherical or sometimes flat slipsoidal concretionary formations, ranging in size from 5 cm to 25 cm or 30 cm, can be found lying parallel to the bedding in the sandstones of the Romanovka horizon (Upper Cretacous). These concretions consist of sandstones, the density of which increases towards their centers. The concretions are greenish on the surface and consist of potassium feldspar (sanidine--25 percent) quartz (10 to 15 per-

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Concretionary Formations in the Upper Cretaceous (Cont.)

cent), plagioclase (20 percent), a metallic mineral (magnitite grains); the autogenous minerals are represented by chlorite, calcite, sericite, and hydrous iron oxides. The centers of the concretions are occupied by porphyritic fragments. The authors refer to these formations as psuedoconcretions because they represent the rounded porphyritic fragments with the "glued on" sandy material. The formation of these psuedoconcretions took place in a shallow lake under subaqueous conditions. The final stage of their formation is associated with the diagenesis of the sediments.

Card 2/2

T. A. Gretskaya

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

PREOBRAZHENSKIY, I.A.; SARKISYAN, S.G.

Concerning the review of K.V.Ivanov and IU.P.Kazanskii of the book "Minerals of sedimentary rocks." Izv.AN SSSR Ser.geol.21 no.3:116 Mr '56. (Mineralogy) (MLRA 9:7)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S.G., professor.

Problems in the petrography and mineralogy of sedimentary rocks.
Priroda 46 no.2:104-105 F '57. (MLRA 10:3)

1. Institut nefti Akademii nauk SSSR, Moskva.
(Rocks, Sedimentary)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

3(5) PHASE I BOOK EXPLOITATION SOV/1320

Sarkisyan, Sergey Galustovich

Mezozoyskiye i tretichnyye otlozheniya Pribaykal'ya, Zabaykal'ya i Dal'nego Vostoka (Mesozoic and Tertiary Sediments of Pribaykal'ye Zabaykal'ye and the Soviet Far East) Moscow, Izd-vo AN SSSR, 1958. 336 p. 1,500 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Institut nefti. Laboratoriya paleogeografii.

Resp. Ed.: Fedorov, S.F., Corresponding Member, USSR Academy of Sciences; Ed. of Publishing House: Shapovalova, G.A.; Tech. Ed.: Kiseleva, A.A.

PURPOSE: This book is intended for geologists, petroleum geologists, and scholars in associated research fields.

COVERAGE: This is an extensive study of the Mesozoic and Tertiary sedimentary complexes lying between Lake Baykal and the Pacific Ocean. The author discusses the mineralogic-petrographic and granulometric conditions which affect the sedimentary processes

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and the possibilities of oil accumulations in the areas studied. Reviewing the geological history of this region, the author devotes particular attention to its folded structures, which tend generally in a northeasterly direction and are marked by numerous graben-like dislocations. A large part of the book is devoted to a discussion of petrographic conditions bearing on the accumulation of organic matter. The text contains 20 figures, 50 tables and maps. There are 270 Soviet references.

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AVAILABLE: Library of Congress

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Card 4/4

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S. G.

"A Survey of Petrographical and Mineralogical Investigations by the USSR Oil Industry
"Upper Permian Continental Molasse (sediments) of the Pre-Urals"
reports presented at the Fifth Intl. Sedimentology Congress., Geneva/Lausanne, 2-7 June 1958.

Acad. Sci. USSR, Moscow

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S. G.

"Mineralogical Composition of Clays in Petroliferous Deposits of the USSR."

paper distributed at the International Clay Mineralogy Congress in Brussels, Belgium, 1 - 5 Jul 58.

Comment: B-3,116,859

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, Sergey Galustovich; KOSYGIN, Yu.A., otv.red.; RYLINA, Yu.V., tekhn.red.

[Review of petrographic and mineralogical studies in the petroleum industry of the U.S.S.R. and the United States] Obzor petrografo-mineralogicheskikh issledovanii v neftianoi promyshlennosti SSSR i SShA. Moskva, Izd-vo Akad.nauk SSSR, 1959. 84 p. (Itogi nauki: Geologicheskie nauki, no.1). (MIRA 13:11)

1. Chlen-korrespondent AN SSSR (for Kosygin).
(Mineralogy) (Rocks, Sedimentary--Analysis)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

KORZH, Mikhail Vasil'yevich; SARKISYAN, S.G., prof., otv.red.; SHAPOVALOVA, G.A., red.izd-va; KUZ'MIN, tekhn.red.; MAKUNI, Ye.V., tekhn.red.

[Petrography of Triassic sediments in the southern Maritime Territory and the paleogeography of the time of its formation] Petrografiia triasovykh otlozhenii IUzhnogo Primor'ia i paleogeografiia vremeni ikh obrazovaniia. Moskva, Izd-vo Akad.nauk SSSR, 1959. 82 p. (MIRA 12:4)

(Maritime Territory--Petrology)
(Maritime Territory--Paleogeography)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

30(7)
SOV/26-59-2-14/53

AUTHOR: Sarkisyan, S.G., Professor (Moscow)

TITLE: The International Congress on Sedimentology (Mezhdunarodnyy kongress po sedimentologii)

PERIODICAL: Priroda, 1959, Nr 2, p 76 (USSR)

ABSTRACT: The Fifth International Congress on sedimentology took place in Geneva in the summer of 1958. Basic papers read at the Congress were concerned with the origin and the conditions of occurrence of peculiar sedimentary formations - the flysch and mollasses formations widely known in the Alps, but also found in the USSR in the Carpathians, Caucasus, Urals and Central Asia.

ASSOCIATION: Institut geologii i razrabotki goryuchikh iskopayemykh AN SSSR (Institute of Geology and Development of Mineral Fuels of the AS USSR)- Moscow

Card 1/1

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

PUSTOVALOV, L.V., otv.red.; GIMMEL'FARB, B.M., red.; KRASHENINNIKOV, G.F., red.; SARKISYAN, S.G., red.; SERDYUCHENKO, D.P., red.; TEODOROVICH, G.I., red.; SHVETSOV, M.S., red.; SMIRNOVA, Z.A., red.izd-va; IVANOVA, A.G., tekhn.red.

[Problems of sedimentology; reports of Soviet geologists for the Sixth International Congress of Sedimentology] Voprosy sedimentologii; doklady sovetskikh geologov k VI Mezhdunarodnomu kongressu po sedimentologii. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr, 1960. 215 p. (MIRA 14:3)

1. International Congress of Sedimentology. 6th, Copenhagen, 1960.

(Rocks, Sedimentary)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S.G.

Reply to M.K. Khudolei concerning my book "Mesozoic and Tertiary sediments in Transbaikalia, the Baikal region, and Far East." Izv. AN SSSR. Ser. geol. 25 no. 3:109-110 Mr '60. (MIRA 13:12)
(Siberia, Eastern--Geology, Stratigraphic)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

GULYAYEVA, L.A.; ZAV'YALOV, V.A.; PODEL'KO, Ye.Ya.; SARKISYAN, S.G., prof., otv. red.; MAKARENKO, M.G., red. izd-va; ROMANOV, G.N., tekhn. red.

[Geochemistry of domanik sediments in the Volga-Ural region] Geokhimiia domanikovykh otlozhenii Volgo-Ural'skoi oblasti. Moskva, Izd-vo Akad. nauk SSSR, 1961. 102 p. (MIRA 14:8)
(Volga-Ural region--Shale)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SEROVA, Ol'ga Vasil'yevna; SARKISYAN, Sergey Galustovich; MISAYLOVA, V.M., red.; AKHANOV, TS.B., tekhn. red.

[The gem of Eastern Siberia]Zhemzhuzhina Vostochnoi Sibir. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1961. 167 p. (MIRA 15:12)
(Baikal Lake region--Discovery and exploration)
(Baikal Lake region--Natural resources)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, Sergey Galustovich; MIKHAYLOVA, Nelli Aleksandrovna; Prinimali uchastiye: NIKITINA, R.G., nauchnyy sotr.; TROFIMU, I.A., nauchnyy sotr.; FEDOROV, S.F., otv. red.; STOLYAROV, A.G., red. izd-va; VOLKOVA, V.G., tekhn. red.

[Paleogeography of the period of the formation of the terrigenous Devonian stratum in Bashkiria and Tatar A.S.S.R.] Paleogeografiia vremeni obrazovaniia terrigennoi tolshchi devona Bashkirii i Tatarii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 231 p. (MIRA 15:1)

1. Chlen-korrespondent AN SSSR (for Fedorov).
(Bashkiria—Paleogeography) (Tatar A.S.S.R.—Paleogeography)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

PROTSVETALOVA, Tat'yana Nikolayevna; SARKISYAN, S.G., prof., otv. red.; TURSHU, A.I., red. izd-va; DOROKHINA, I.N., tekhn. red.

[Ostrog series of the Kuznets coal basin and conditions of its formation] Ostrogskaia svita Kuznetskogo kamennougol'nogo basseina i usloviia ee obrazovaniia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 119 p. (MIRA 14:11)

(Kuznets Basin--Coal geology)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

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BALAYEV, Vasiliy Alekseyevich; PISTRAK, R.M., retsenzent; SARKISYAN, S.G., retsenzent; TROFIMUK, A.A., retsenzent; KOROBOVA, I.E., red.; ZENIN, V.V., tekhn. red.

[Devonian sediments in the central and southern regions of the Volga-Ural Province in connection with oil potential. 28 diagrams and maps] Devonskie otlozheniia tsentral'nykh i iuzhnykh raionov Volgo-Ural'skoi provintsii v sviazi s perspektivami ikh neftenosnosti. Saratov, Izd-vo Saratovskogo univ., 1961. 294 p. ___ 28 skhem i kart. (MIRA 15:6)
(Volga-Ural region--Petroleum geology)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S.G.; IN FYN-SYAN [Ying Fêng-hsiang]; ZKHUS, I.D.; KLEVITS, M.V.; CHZHEN AY-CHZHU [Cheng Ai-chu]

Clay minerals and scattered organic matter in Cretaceous sediments of an eastern trough in the Chinese People's Republic. Izv.vyx.ucheb. zav.; geol. i razv., 4 no.12:43-48 D '61. (MIRA 15:2)

1. Institut geologii i razrabotki goryuchikh iskopayemykh.
(China—Clay)(Organic matter)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, Sergey Galustovich; MESROPYAN, A.I., otv. red.; KHACHATURYAN, E.A., red. izd-va; KAPLANYAN, M.A., tekhn. red.

[Petrographic and mineralogic studies of the Lake Sevan basin] Petrografo-mineralogicheskie issledovaniia basseina ozera Sevan. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1962. 152 p. (MIRA 15:11)
(Sevan, Lake--Petrology)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

GUROVA, Tamara Ivanovna; KAZARINOV, Vladimir Panteleymonovich; SARKISYAN, S.G., doktor geol.-mineral.nauk, prof., red.; IONEL', A.G., ved. red.; FEDOTOVA, I.G., tekhn. red.

[Lithology and paleogeography of the West Siberian Plain in connection with its oil and gas potentials] Litologiia i paleogeografiia Zapadno-Sibirskoi nizmennosti v sviazi s neftegazonosnost'iu. Moskva, Gos.nauchno-tekhn.izd-vo neftianoi i gorno-toplivnoi lit-ry, 1962. 295 p., illus. (MIRA 14:12)

(West Siberian Plain--Petroleum geology)
(West Siberian Plain--Gas, Natural--Geology)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S. G.; PETROSOV, I. Kh.

"Main factors for clay mineral formation of Tertiary volcanic and sedimentary deposits on the territory of the Yerevan District (Armenian SSR)."

Report submitted for the International Clay Conference, Stockholm, Sweden, 12-16 Aug 63.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S.G.; PROTSVETALOVA, T.N.

Some petrographic characteristics of bituminous argillites in the Mar'yanovskaya series (West Siberian Plain). Izv. vys. ucheb. zav.; geol. i razv. 7 no.2:56-60 F'64. (MIRA 17:2)

1. Institut geologii i razrabotki goryuchikh iskopayemykh AN SSSR.

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S.G.; MOVSESYAN, M.A.

Possibility of the development of vibrational waves based on the content of anhydrite in the Miocene salt-bearing layer in the Erivan region. Dokl. AN Arm. SSR 37 no.4:221-225 '63. (MIRA 17:8)

1. Institut geologicheskikh nauk AN ArmSSR. Predstavleno akademikom AN ArmSSR A.A. Gabriyelyanom.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

TAZHIBAYEVA, Patchaim Tazhibayevna; SARKISYAN, S.G., prof., otv. red.; NESTEROVA, I.I., red.

[Lithological investigations of Dzhezkazgan series in connection with the problem of the ore genesis of the Dzhezkazgan deposit] Litologicheskie issledovaniia Dzheskazganskikh svit v sviazi s problemoi genezisa rud Dzheskazganskogo mestorozhdeniia. Alma-Ata, Izd-vo AN Kaz.SSR, 1964. 275 p. (MIRA 17:12)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S.G., doktor geol.-miner. nauk, otv. red.

[Geology and oil and gas potentials of the West Siberian Plain] Geologicheskoe stroenie i neftegazonosnost' Zapadno-Sibirskoi nizmennosti. Moskva, Nauka, 1964. 227 p. (MIRA 17:12)

1. Moscow. Institut geologii i razrabotki goryuchikh iskopayemykh.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

BURNACHYAN, G.A.; SARKISYAN, S.M.

Selecting the optimal operation cycle of a pumped storage hydroelectric power station in a power system. Izv. AN Arm. SSR. Ser. tekh. nauk 17 no.4:53-60 '64. (MIRA 17:11)

1. Yerevanskiy politekhnicheskiy institut imeni K. Marksa.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

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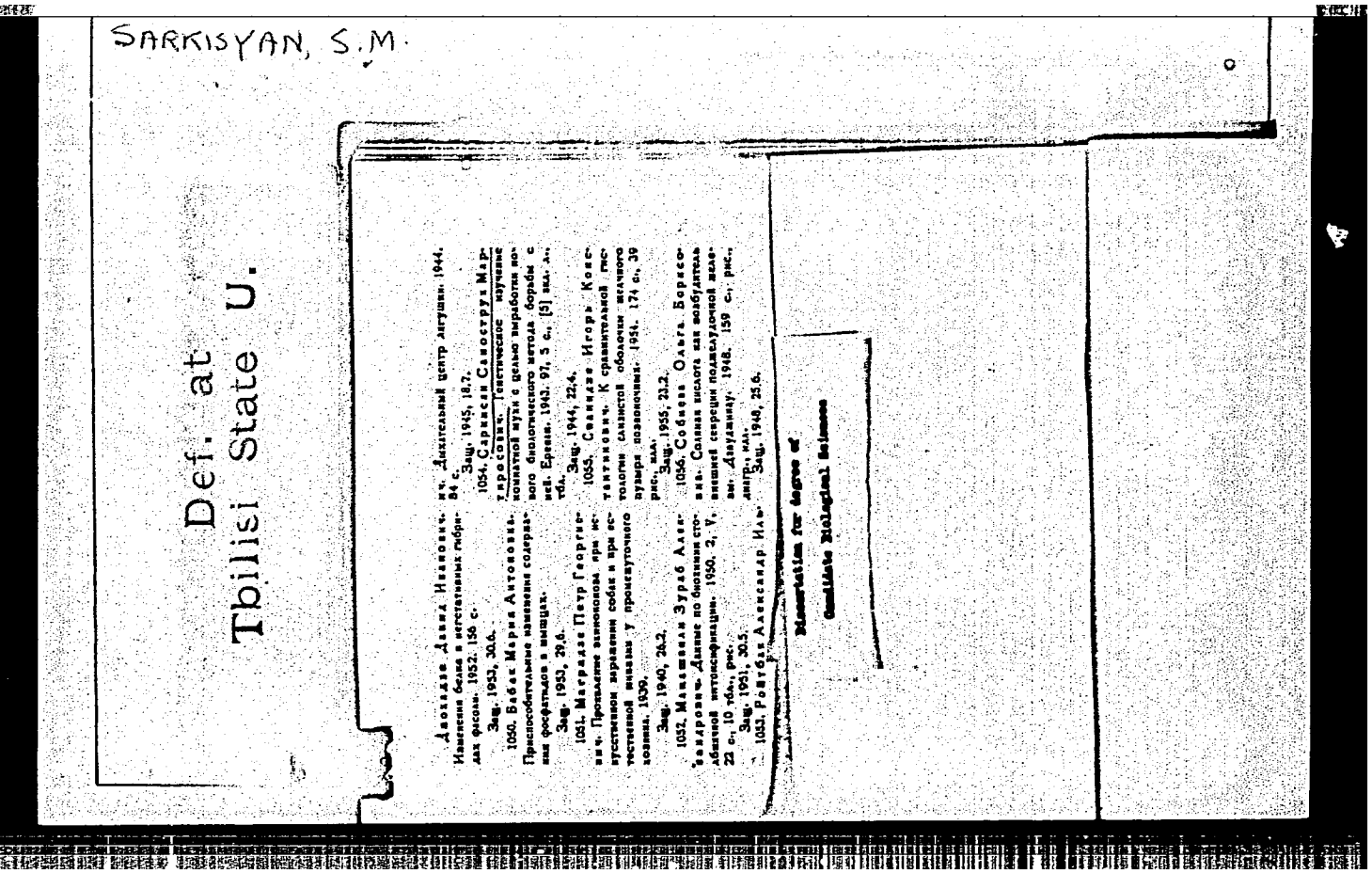

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S.M.

Effect of the transplantation of fertilized rabbit ovicells on the live weight of the developed embryo. Izv.AN Arm.SSR.Est.nauki no.10: 63-67 '47. (MLRA 9:8)

1. Institut zhivotnovodstva AN Armyanskoy SSR, Laboratoriya genetiki sel'skokhozyaystvennykh zhivotnykh.
(Transplantation (Physiology)) (Ovum)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S. M. PA 77T61

USSR/Medicine - Heredity, Mechanism Apr 1948
Medicine - Rabbits

"On the Interaction of the Azure and Madder Color Factors in the 'Soviet Madder' Family of Rabbits," S. M. Sarkisyan, 4 pp

"Dok Ak Nauk SSSR" Vol LX, No 3

Since subject rabbit was developed 10 years ago, its breeding became an industry, meat is used as food and pelt is utilized as fur. Gives results of experiments showing effect of light grey rabbits on blue rabbits when the two are interbred. Submitted by Acad I. I. Shmal'gauzen 5 Feb 1948.

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S.M.; KHUDAVERDYAN, E.S.

Selective fertilization in the silkworm. Izv. AN Arm.SSR. Biol. i sel'khoz. nauki 2 no.6:531-536 '49. (MLRA 9:8)

1. Institut fitopatologii i zoologii Akademii nauk Armyanskoy SSR. i Yerevanskiy opornyy punkt shelkovodstva.
(SILKWORMS) (FERTILIZATION (BIOLOGY))

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S.M.; TUMANYAN, O.A.

Experiment on the feeding of silkworms with the leaves of the goatbeard (Tragopogon). Izv.AN Arm.SSR.Biol.i sel'khoz.nauki. 4 no.12:1161-1167 '51. (MLRA 9:8)

1. Institut fitopatologii i zoologii Akademii nauk Armyanskoy SSR.
(Silkworms) (Goatsbeard)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S.M.

Some particularities of the condition of the maternal organism as the formative medium of the offspring. Izv.AN Arm.SSR.Biol.i sel'khoz.nauki. 5 no.10:3-13 '52. (MLRA 9:8)

1. Institut genetiki AN Armyanskoy SSR.
(Genetics)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

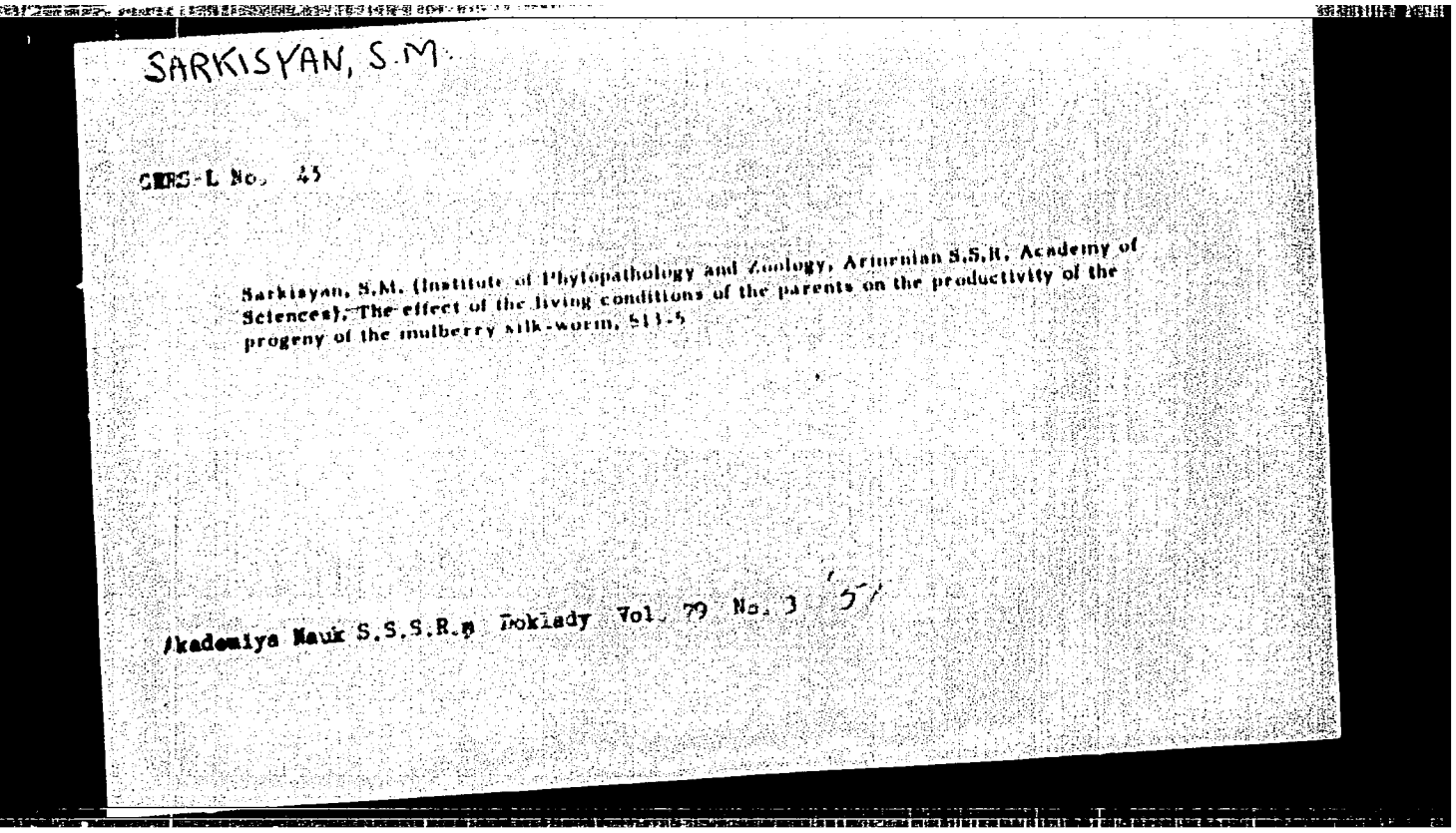
SARKISYAN, S. M.

"The Biological Effect of Heterospermic Seeding Among Animals." (p. 311) by Sarkisyan, S. M.

SO: Journal of General Biology (Zhurnal Obshchey Biologii), Vol. XIII, No. 4, July- Aug, 1952.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7



SARKISYAN, S.M.

CBRS-L No. 43

Sarkisyan, S.M. (Institute of Phytopathology and Zoology, Armenian S.S.R. Academy of Sciences). The effect of the living conditions of the parents on the productivity of the progeny of the mulberry silk-worm, 511-5

Akademiya Nauk S.S.S.R.a Doklady Vol. 79 No. 3 '51

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S. M.

Dissertation: "The Biological Nature of the Principal Effect of the Maternal Organism on the Heredity and Vitality of Descendants in Animals." Dr Biol Sci, Inst of Genetics, Acad Sci USSR, Moscow, Oct-Dec 53. (Vestnik Akademii Nauk, Moscow, Jun 54) [Source gives brief summary of work.]

SO: SUM 318, 23 Dec 1954

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S.M.

Morphophysiological heterogeneity of the progeny within colony limits in pure-bred silkworms. Izv.AN Arm.SSR,Biol.i sel'khoz. nauki 6 no.2:29-39 '53. (MLRA 9:8)

1. Institut genetiki Akademii nauk Armyanskoy SSR.
(Silkworms)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKSYAN, S.M.

Ways of increasing cocoon production in the sixth five-year plan [in Armenian]. Izv.AN Arm.SSR.Biol.i sel'khoz.nauki 9 no.5:95-100 My '56. (MLRA 9:8)

(Armenia--Sericulture)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S.M.

Method for the transplantation of caterpillar ovaries and pupal parabiosis in silkworms. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 11 no. 5:91-95 My '58. (MIRA 11:7)

1. Armyanskaya nauchno-issledovatel'skaya stantsiya shelkovodstva Nauchno-issledovatel'skogo instituta zoologii.
(Silkworms)
(Parabiosis)
(Ovaries--Transplantation)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S. M.

"The participation of the Organism of the mother and its sytoplasm in the Determination of a number of inherited features of androgynous offspring."

reported at
Conference on Problem of Heredity and Variability, held at Inst. of Genetics, AS USSR, 8-14 Oct 1957.
Vestnik AN SSSR, 1958, Vol. 28, No. 1, pp. 127-129. (author Kushner, Kh. F.)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

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SARKISYAN, S.M.; AYKAZYAN, A.K.

Possibility of obtaining offspring from eggs developed in a male organism. Izv.AN Arm.SSR.Biol. i sel'khoz.nauki 12 no.1:91-93 Ja '59. (MIRA 12:2)

1. Kafedra zoologii biologicheskogo fakul'teta Yerevanskogo gosudarstvennogo universiteta.
(Ovaries--Transplantation) (Silkworms)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

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SARKISYAN, S.M.; TUMASYAN, L.A.; AYKAZYAN, A.K.

Materials on the biology of the salva moth (Gelechia malvella Hb.). Nauch. trudy Erev. un. 69 Ser. biol. nauk no.8:29-34 '59. (MIRA 14:9)

1. Kafedra zoologii Yerevanskogo gosudarstvennogo universiteta. (MOTHS) (COTTON--DISEASES AND PESTS)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S.M.

Optimum load distribution between units in thermal electric power plants. Izv. AN Arm. SSR. Ser. tekh. nauk 18 no.1:27-36 '65. (MIRA 18:7)

1. Yerevanskiy politekhnicheskiy institut imeni K.Marksa.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S.M.

Optimal asymptotic behavior of a reservoir for continuous regulation of a hydroelectric station under probable river flow conditions. Izv.AN Arm.SSR.Ser.tekh.nauk 18 no.5:21-28 '65. (MIRA 18:12)

1. Yerevanskiy politekhnicheskiy institut imeni Karla Marksa. Submitted May 10, 1965.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S. S., Cand Agr Sci -- (diss) "Soils of the kolkhozes in the Talinskiy rayon of the Armenian SSR in zonal sectioning." Yerevan, 1960. 24 pp; (Committee of the Council of Ministers Armenian SSR for Higher and Secondary Specialist Education, Armenian Agricultural Inst); 150 copies; price not given; (KL, 27-60, 157)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

GULKANYAN, V.O.; SURMENYAN, G.A.; SARKISYAN, S.S.

Valuable lines of wheat for the mountainous regions of Armenia. Izv.AN Arm.SSR.Biol.i sel'khoz.nauki, 5 no.8:3-14 '52. (MLRA 9:8)

1. Institut genetiki i selektsii rasteniy Akademii nauk Armyanskoy SSR.

(Armenia--Wheat--Varieties)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

BONDAR', A.N.; SARKISYAN, S.S., inzh.-mekhanik.

Fulfilling the resolutions of the June Plenum of the Central Committee of the CPSU. Put' put.khoz. no.9:2-3 S '59. (MIRA 12:12)

1. Nachal'nik Darnitskoy distantsii puti, Yugo-Zapadnoy dorogi (for Bondar').
(Kiev Province--Railroads)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

NEZHIVOY, V.R., elektroslesar'; SARKISYAN, S.S., inzh.-mekhanik
(stantsiya Darnitsa, Yugo-Zapadnoy dorogi)

Portable recording electric meter. Put' i put.khoz. 4
no.4:33-34 Ap '60. (MIRA 13:7)
(Electric meters, Recording)
(Railroads--Electric equipment)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

ADAMENKO, A.I., kand.tekhn.nauk; YAKOVLEV, V.S., inzh.; BONDAR', A.N.; SARKISYAN, S.S., inzh.

Multistep phase converter for the track electric devices. Zhel. dor.transp. 42 no.2:74-75 F '60. (MIRA 13:5)

1. Nachal'nik Darnitskoy distantsii puti, Kiyev (for Bondar').
(Electric current converters)
(Railroads—Electric equipment)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

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SARKISYAN, S. Sh.: Master Geolog-Mineralo Sci (diss) -- "Basic outlines of the polymetallic ore deposits of the Merisskiy ore zone". Tbilisi, 1958. 18 pp (Min Higher Educ USSR, Georgian Order of Labor Red Banner Polytech Inst im S. M. Kirov), 180 copies (KL, No 6, 1959, 128)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S.Sh.

Hydrothermal changes in wall rocks of the Tanzut sulfur pyrite deposit. Izv. AN Arm. SSR. Ser. geol. i geog. nauk 11 no.3: 63-69 '58. (MIRA 11:10)

1. Kavkazskiy institut mineral'nogo syr'ya.
(Armenia--Pyrites)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S.Sh.

Mineralogy of Adzhar complex metal deposits. Geol.sbor.[Kavk.] no.1:32-42 '59. (MIRA 13:1)
(Georgia--Ore deposits)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S.Sh.

Some features of magmatism in the northwestern part of the Amasiya-Akera structural zone of the Lesser Caucasus during the post-Mesozoic period. Dokl. AN SSSR 141 no.4:946-949 D '61. (MIRA 14:11)

1. Kavkazskiy institut mineral'nogo syr'ya, g. Tbilisi. Predstavleno akademikom D.I. Shcherbakovym.
(Armenia—Rocks, Igneous)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S.Sh.

Basic characteristics of the geology and genesis of the Tandzut iron-pyrite deposit (northern Armenia). Geol. sbor. [Kavk.] no.2:100-118 '62. (MIRA 17:1)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S.

(21)

S/011/63/000/001/002/002
A006/A101

AUTHOR: Azizbekov, Sh. A.

TITLE: The Third All-Union Conference on regularities in the formation and distribution of endogenous mineral resource deposits

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, no. 1, 1963, 126 - 128

TEXT: The Conference was held in Baku from September 18 to 23, 1962; it was attended by 455 representatives from scientific and industrial geological organizations including 24 Academicians and Corresponding Members of AS USSR and AS of various republic, 49 Doctors-Professors and 164 Candidates of Geological and Mineralogical Sciences. The Conference was opened by Academician D. I. Shcherbakov, secretary of OGGN, AS USSR. The program of the Conference was divided into three main groups: a) regularities in the formation and distribution of endogenous deposits in the Caucasus; b) regularities in the formation and distribution of endogenous deposits of other folding regions of the Alpine cycle; c) general problems of metallogeny. In group a) reports on basic features

Card 1/4

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

The Third All-Union Conference on...

of metallogeny and models of detailed metallogenic charts of the Caucasus were delivered by Sh. A. Azizbekov and R. N. Abdullayev (in Azerbaydzhan), S. S. Mkrtychyan (in Armenia), G. A. Tvalchrelidze and Yu. I. Nazarov (in Georgia) and V. I. Orobey (in the Northern Caucasus); V. I. Smirnov reported on peculiarities in magmatism and metallogeny of the geosynoline and plateau stage in the evolution of the Western section of Northern Caucasus. Reports were delivered on magmatism and metallogeny in the Dashkesan ore region (M. A. Kashkay, M. A. Mustafabeyli) Southern Georgia (V. R. Nadiradze) the Sevan-Akera zone (S. M. Suleymanov) the Allaverdy-Bolina ore region (T. Sh. Gogishvili) and in the small Caucasian intrusives. G. S. Dzotsenidze reported on "Paleogenous volcanism in the Caucasus and metallogeny related to it"; V. N. Kotlyar on "Deposit types related to paleovolcanism"; papers were delivered on pyrite deposits in the Somkhito-Karabakh and the Sevan-Akera zone (P. F. Sopko); Northern Caucasus (N. S. Skripchenko, V. I. Buadze) the Chubukhlu-Tanzutsk ore region (S. Sh. Serkisyan). Reports were read on polymetalic deposits in Northern Caucasus (A. M. Krasnovidova), North-West Caucasus (G. P. Kornev) and the Mekhmany ore field (N. V. Zaytseva). Other reports dealt with gold (N. Ye. Gukhman, D. G. Saliya) mercury (D. V. Abuyev) and rare metal (F. V. Mustafabeyli) mineralization. Group 2 included reports on

Card 2/4

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S.Sh.

Some characteristics of igneous activity in the deep fault zone of Transcaucasia. Izv.AN SSSR.Ser.geol. 28 no.2:9-21 F '63. (MIRA 16:2)

1. Kavkazskiy institut mineral'nogo syr'ya, Tbilisi.
(Transcaucasia--Geology, Structural)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S.Sh.

Pyrite mineralization of the Chibukhli--Tanzut ore region as related to the development of the igneous activity in the Amasiya-Akera zone. Zakonom.razm.polezn.iskop. 7:359-360 '64.
(MIRA 17 6)

1. Kavkazskiy institut mineral'nogo syr'ya.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

DOLINA, O.A.; SARKISYAN, S.S.; SHTENGOL'D, Ye.Sh.

Bronchospasm during anesthesia. Eksper. khir. i anest. 9 no.6: 59-62 N-D '64. (MIRA 18:7)

1. Kafedra obshchey khirurgii (zav. - chlen-korresp. AMN SSSR prof. V.I.Struchkov) lechebnogo fakutl'teta I Moskovskogo ordena Lenina meditsinskogo instituta im. I.M.Sechenova i Bol'nitsa Nr. 23 im. Medsantrud (glavnyy vrach A.N.Lobanova).

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S.Sh.; SHUBLADZE, R.L.

Olivine from dolerites in southern Georgia. Zap.Vses.min.ob-va. 94 no.2:230-232 '65. (MIRA 18:5)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S.TS.

Properties of solutions to Cauchy-Riemann systems with nonlinear right-hand parts. Dokl. AN Arm. SSR 36 no.3: 141-146 '63. (MIRA 16:10)

1. Institut matematiki i mekhaniki AN Armyanskoy SSR. Predstavleno akademikom. AN Armyanskoy SSR Dzhrbashyanom.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, S.TS.

Properties of solutions of Cauchy - Riemann systems with square supplementary terms. Dokl. AN Arm. SSR 41 no.1:10-13 '65. (MIRA 18:8)

1. Yerevanskiy politekhnicheskiy institut. Submitted January 25, 1965.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, V.

Balance-sheet method of accounting for goods and materials.
Prom.Arm. 4 no.10:28-29 O '61. (MIRA 14:11)
(Industrial equipment)
(Accounting)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, V.

Journal-voucher No.6. Prom.Arm. 4 no.11:24-26 N '61. (MIRA 15:1)

1. Glavnyy bukhgalter Yerevanskogo zavoda khudozhestvennykh chasov.

(Armenia—Accounting)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, V.

Eliminate the shortcomings in the system of planning.
Prom.Arm. 5 no.11:18-19 N '62. (MIRA 15:12)

1. Yerevanskiy zavod khudozhestvennykh chasov.
(Industrial management)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, V.A.

Complementary determination on a composite hydrochemical graph. Izv. vys. ucheb. zav.; neft' i gaz 7 no.3:18,24 '64.
(MIRA 17:6)

1. Azerbaydzhanskiy institut nefti i khimii imeni Azizbekova.

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SARKISYAN, V.A.

New method for the construction of a clear hydrochemical graph. Izv. vys. ucheb. zav.; neft' i gaz 6 no.8:56 '63. (MIRA 17:6)

1. Azerbaydzhanskiy institut nefti i khimii imeni M.Azizbekova.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

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MANTASHYAN, A.A.; SARKISYAN, V.K.

Possible ways of acetylene synthesis from methane under nonisothermal conditions. Dokl. AN Arm. SSR 41 no.3:147-152 '65. (MIRA 18.11)

1. Laboratoriya khimicheskoy fiziki AN ArmSSR. Submitted March 17, 1965.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

ALIYEV, I.A.; NANAZIASHVILI, B.S.; PLYUSHCH, B.M.; SARKISYAN, V.O.

Automated electric drive of a sidewall core lifter. Izv. vys. ucheb. zav.; neft' i gaz 6 no.8:87-90 '63.
(MIRA 17:6)

1. Azerbaydzhanskiy institut nefti i khimii imeni Azizbekova.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, V. O.

USSR/Electricity - Motors Starting, Automatic Sep 51

"Self-Starting of Electric Motors Supplied From a Feeder," Docent B. M. Plyushch, Cand Tech Sci, Docent M. A. Esibyan, Cand Tech Sci, V. O. Sarkisyan, Cand Tech Sci, Azerbaydzhan Industrial Inst imeni Azizbekow; M. D. El 'birt, Engr, "Leninneft'" Trust

"Elektrichestvo" No 9, pp 44-49

Electric motors for pumping equipment in oil fields are fed from 320-kva transformers. Each transformer supplies 3 - 4 feeders, each of which may have up to 20 motors connected to it. Describes self-starting system developed by the authors and gives results of expts at operational deep-pumping installations. Submitted 5 Jan 51.

PA 196T47

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

AID P - 1313

Subject : USSR/Electricity

Card 1/1 Pub. 28 - 2/7

Authors : Plyushch, B. M., and Sarkisyan, V. O.

Title : Experience in self-starting operation of electric motors for walking beam deep well-pumping installations

Periodical : Energ. byul., #12, 6-13, D 1954

Abstract : A general circuit connected to a trunk line through automatic switches, power relay, fuse, etc., is presented for illustration of the operation of self-starting in electric motors. Various protective regulations are specified, particularly concerning the safe operation of deep-well pumping installations.

Institution : None

Submitted : No date

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, V. O.

PLYUSHCH, B.M., kandidat tekhnicheskikh nauk; ESIBYAN, M.A., kandidat tekhnicheskikh nauk; SARKISYAN, V.O., kandidat tekhnicheskikh nauk.

Synchronous electric drive of the principal transmissions of flour mills. Elek.sta. 25 no.7:43-45 Jl '54. (MLRA 7:8)
(Electric driving) (Milling machinery)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, V.O

AID P - 3434

Subject : USSR/Electricity

Card 1/2 Pub. 27 - 1/32

Authors : Plyushch, B. M., and V. O. Sarkisyan, Kands. of Tech. Sci., Dotsents

Title : Electric drive of the walking beam of oil deep-pumping installations

Periodical : Elektrichestvo, 10, 1-6, O 1955

Abstract : On the basis of relations obtained for four-link mechanisms, the author presents an analytical expression for the static moment and the moment of losses of the pumping machine. The equation of the movement of the electric drive with a variable moment of inertia of the system is solved accounting for losses. For practical calculations simple and sufficiently accurate formulas are suggested for the determination of the capacity of the electric motor and for the maximum static moment. One drawing and 1 diagram.

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

AID P - 3434

Elektrichestvo, 10, 1-6, O 1955

Card 2/2 Pub. 27 - 1/32

Institution : Azerbaydzhan Industrial Institute im. Azizbekov

Submitted : Ap 4, 1955

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

MANAZIASHVILI, B.S., inzh.; PLYUSHCH, B.M., dotsent, kand. tekhn. mauk; SARKISYAN, V.O., dotsent, kand. tekhn. nauk; KULIKOV, B.A., inzh.

Servo system with a photoelectric converter. Izv. vys. ucheb. zav.; energ. 2 no.10:34-39 O '59. (MIRA 13:3)

1.Azerbaydzhanskiy ordena Trudovogo Krasnogo Znameni institut nefti i khimii imeni M. Azizbekova. Predstavlena kafedroy elektroprivoda, elektricheskikh mashin i elektrooborudovaniya prompredpriyatiy.
(Servomechanisms)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

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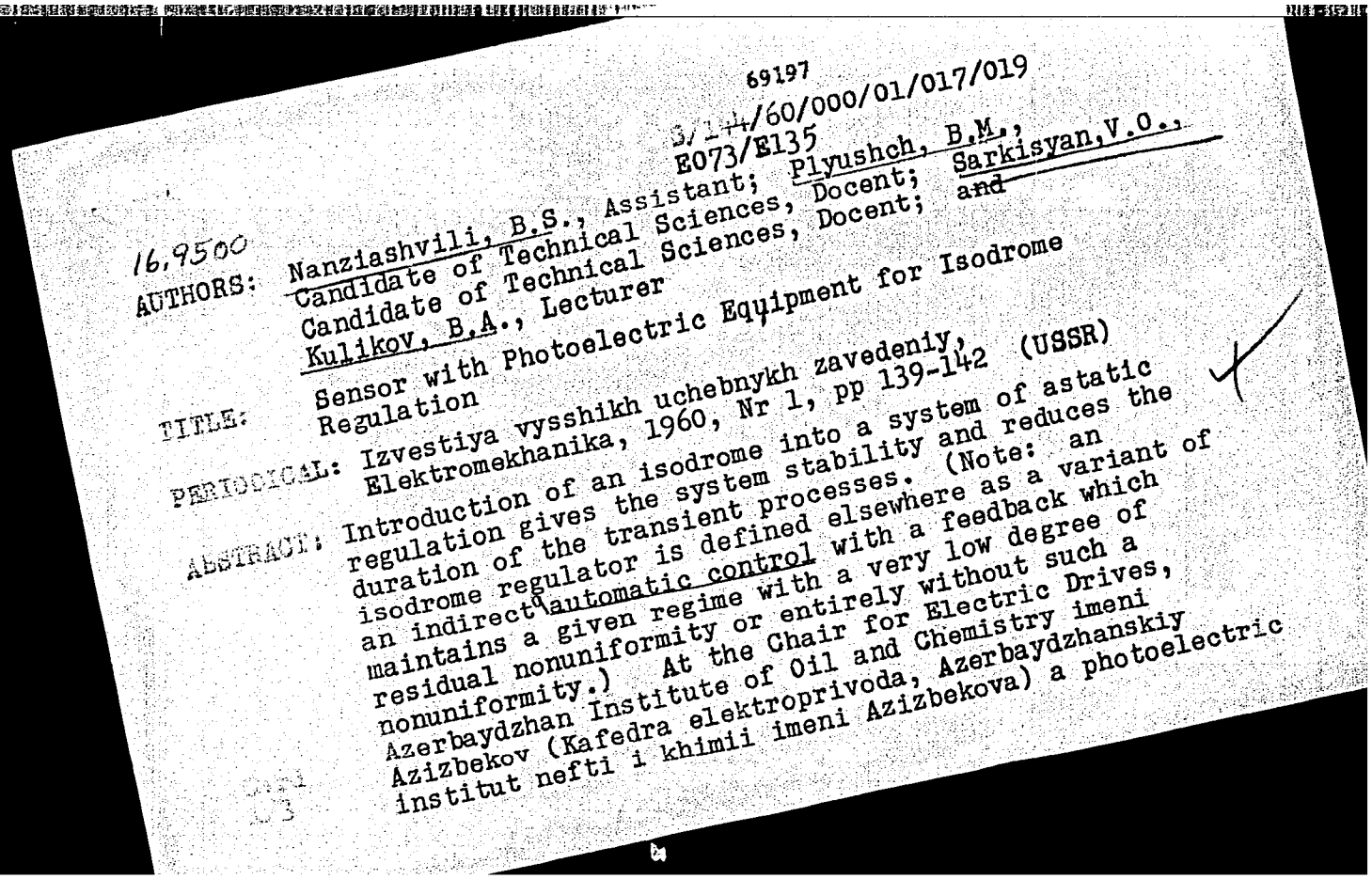

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16,9500

AUTHORS: Nanziashvili, B.S., Assistant; Plyushch, B.M., Candidate of Technical Sciences, Docent; Sarkisyan, V.O., Candidate of Technical Sciences, Docent; and Kulikov, B.A., Lecturer

TITLE: Sensor with Photoelectric Equipment for Isodrome Regulation

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Elektromekhanika, 1960, Nr 1, pp 139-142 (USSR)

ABSTRACT: Introduction of an isodrome into a system of astatic regulation gives the system stability and reduces the duration of the transient processes. (Note: an isodrome regulator is defined elsewhere as a variant of an indirect automatic control with a feedback which maintains a given regime with a very low degree of residual nonuniformity or entirely without such a nonuniformity.) At the Chair for Electric Drives, Azerbaydzhan Institute of Oil and Chemistry imeni Azizbekov (Kafedra elektroprivoda, Azerbaydzhanskiy institut nefti i khimii imeni Azizbekova) a photoelectric

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E073/E135

Sensor with Photoelectric Equipment for Isodrome Regulation

integrator was developed which permits obtaining in a simple manner isodrome regulation and to vary as desired the intensity of the regulating effect in proportion to an unbalance signal. In this arrangement there is no flexible feedback and the system remains a single circuit one. The photoelectric integrator has a directional effect (see Fig 1a); it integrates the unbalance signal, which is fed in in the form of a light flux, much more accurately and over a longer period than RC circuits; it does not require amplification of the output voltage, and permits obtaining isodrome regulation in a very simple manner. The principle of this photoelectric integrator was utilised for building a photoelectric pressure sensor consisting of a hydrostatic pressure gauge, which is illuminated by an incandescent lamp (Fig 2); the amount of light hitting each of two photocells depends on the mercury level in the branches of the U-shaped glass tube. This photoelectric pressure sensor unifies the differential metering devices and a proportional transducer, which, in the case of low input signals, has a limited output signal which is then

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Sensor with Photoelectric Equipment for Isodrome Regulation

accurately summed. Fig 1b shows the circuit of a transducer of a.c. current into light signals of variable brightness; although the dependence of the light flux on the magnitude of the input voltage is not linear this transducer can be used in servosystems which contain external feedback. The here described integrator can be used in automatic control systems as well as in simulation systems with comparatively long time constants. There are 2 figures, 1 table and 2 Soviet references.

ASSOCIATION: Kafedra elektroprivoda, elektricheskikh mashin i elektrooborudovaniya promyshlennykh predpriyatiy, Azerbaydzhanskiy industrial'nyy institut (Chair for Electric Drives, Electrical Machinery and Electrical Equipment of Industrial Undertakings, Azerbaydzhan Industrial Institute)

SUBMITTED: May 9, 1959

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

NANAZIASHVILI, Boris Semenovich, assistent; PLYUSHCH, Boris Maksimovich, dotsent, kand.tekhn.nauk; SARKISYAN, Vachagan Ovanesovich, dotsent, kand.tekhn.nauk; KULIKOV, Boris Alekseyevich, prepodavatel'

Pickup with a photoelectric device for propotional-integral control. Izv.vys.ucheb.zav.; elektro-mekh. 3 no.1:60. (MIRA 13:5)

1. Zaveduyushchiy kafedroy elektroprivoda, elektricheskikh mashin i elektrooborudovaniya promyshlennykh predpriyatiy Azerbaydzhanskogo industrial'nogo instituta (for Plyushch).
2. Kafedra elektroprivoda, elektricheskikh mashin i elektrooborudovaniya promyshlennykh predpriyatiy Azerbaydzhanskogo industrial'nogo instituta (for Nanaziashvili, Sarkisyan, Kulikov).
(Automatic control)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

SARKISYAN, V.O.

Self-starting of a group of electric motors. Prom.energ. 16 no.11:30-32 N '61. (MIRA 14:10)
(Electric motors--Starting devices)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7"

"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

PLYUSHCH, B.M., kand.tekhn.nauk, dotsent; SARKISYAN, V.O., kand.tekhn.-nauk, dotsent

Simplified formulas for determining the power rating of the electric drives of the pumping jacks of deep-pumping equipment. Izv. vys. ucheb. zav.; energ. 5 no.2:42-49 F '62. (MIRA 15:3)

1. Azerbaydzhanskiy ordena Trudovogo Krasnogo Znameni institut nefti i khimii imeni M.Azizbekova. Predstavlena kafedroy elektroprivoda, elektricheskikh mashin i elektrooborudovaniya prompredpriyatiy.

(Pumping machinery, Electric)

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

PLYUSHCH, Boris Maksimovich; ROYTMAN, Mariya Vladimirovna; SARKISYAN, Vachagan Ovanesovich; ESIBYAN, Migran Aleksandrovich; Prinimali uchastiye: KLIMOVA, N.V.; EL'BIRT, M.D.; PARFENOV, A.N., dots., retsenzent; TARASOV, D.A., prof., retsenzent; AGADZHANOV, S.P., inzh., retsenzent

[Electrical equipment for oil and gas fields] Elektrooborudovanie neftianykh i gazovykh promyslov. Moskva, Nedra, 1965. 311 p. (MIRA 18:4)

1. Zaveduyushchiy kafedroy obshchey i spetsial'noy elektrotekhniki Groznenskogo neftyanogo instituta (for Parfenov). 2. Vsesoyuznyy zaochnyy politekhnicheskiy institut (for Tarasov). 3. Neftyanoye upravleniye Soveta narodnogo khozyaystva SSSR (for Agadzhanov).

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

16(1) SOV/22-12-2-2/8

AUTHOR: Sarkisyan, V.S.

TITLE: Torsion of Anisotropic Prismatic Bars With an Elongated Profile

PERIODICAL: Izvestiya Akademii nauk Armyanskoy SSR. Seriya fiziko-matematicheskikh nauk, 1959, Vol 12, Nr 2, pp 21-36 (USSR)

ABSTRACT: The author generalizes a method of D.Yu. Panov [Ref 2,3] and investigates the torsion of an anisotropic bar with a small elongated cross section. He introduces a small parameter λ in the equation of the cross section, whereby it becomes possible to represent the stress function at first as a formal series in λ :

$$\psi(x,y) = -\frac{v}{a_{22}} y^2 + \lambda\left\{\frac{v}{a_{22}} y(\varphi_1+\varphi_2) + \frac{a_{12}vy^2}{2a_{22}} D_x(\varphi_1+\varphi_2)+..\right\}+\ldots, \quad (1)$$

where v is the torsion angle, a_{ik} are elastic constants, $D_x = \frac{d}{dx}$, $y = \lambda\varphi_1(x)$ and $y = \lambda\varphi_2(x)$ is the boundary

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Torsion of Anisotropic Prismatic Bars With an Elongated Profile SOV/22-12-2-2/8

of the cross section. The series is essentially simplified, if the cross section is symmetrical ; in particular the author considers elliptic, trapezoidal, triangular and airfoil-shaped cross sections as examples. Finally with the aid of the theorem on differential inequalities of S.A. Chaplygin he proves the convergence of (1).
There are 6 figures, and 5 references, 4 of which are Soviet, and 1 English.

ASSOCIATION: Yerevanskiy gosudarstvennyy universitet (Yerevan State University)

SUBMITTED: December 2, 1958

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"APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001447210014-7

16(1) 05689

AUTHOR: Sarkisyan, V.S. SOV/22-12-4-3/9

TITLE: Torsion of Multilamellar Prismatic Bars of Rectangular Cross Section With Consideration of Linear Creeping

PERIODICAL: Izvestiya Akademii nauk Armyanskoy SSR. Seriya fiziko-matematicheskikh nauk, 1959, Vol 12, Nr 4, pp 35 - 56 (USSR)

ABSTRACT: The paper consists of two parts. I. The author considers the torsion of a multilamellar prismatic bar which consists of several elastic isotropic prismatic parts being soldered together along the lateral surfaces. The solution is represented by infinite trigonometric series, for the coefficients of which the author obtains recurrent relations. He gives expressions for tensions and bending resistance. As a special case the author considers thin bars. II. Considering the torsion the author takes into account the linear creeping. The solution is carried out for thin bars only. Torsion angles and components of tension are given as functions of time. Numerical example.
The author mentions N.I. Muskhelishvili and S.G. Lekhnitskiy.

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Torsion of Multilamellar Prismatic Bars of Rectangular Cross Section With Consideration of Linear Creeping SOV/22-12-4-3/9

He thanks N.Kh. Arutyunyan, Academician of the Academy of Sciences of the Armenian SSR and K.S. Chobanyan, Docent, for the subject and guidance.
There are 4 figures, and 5 Soviet references.

ASSOCIATION: Yerevanskiy gosudarstvennyy universitet (Yerevan State University)

SUBMITTED: September 19, 1958

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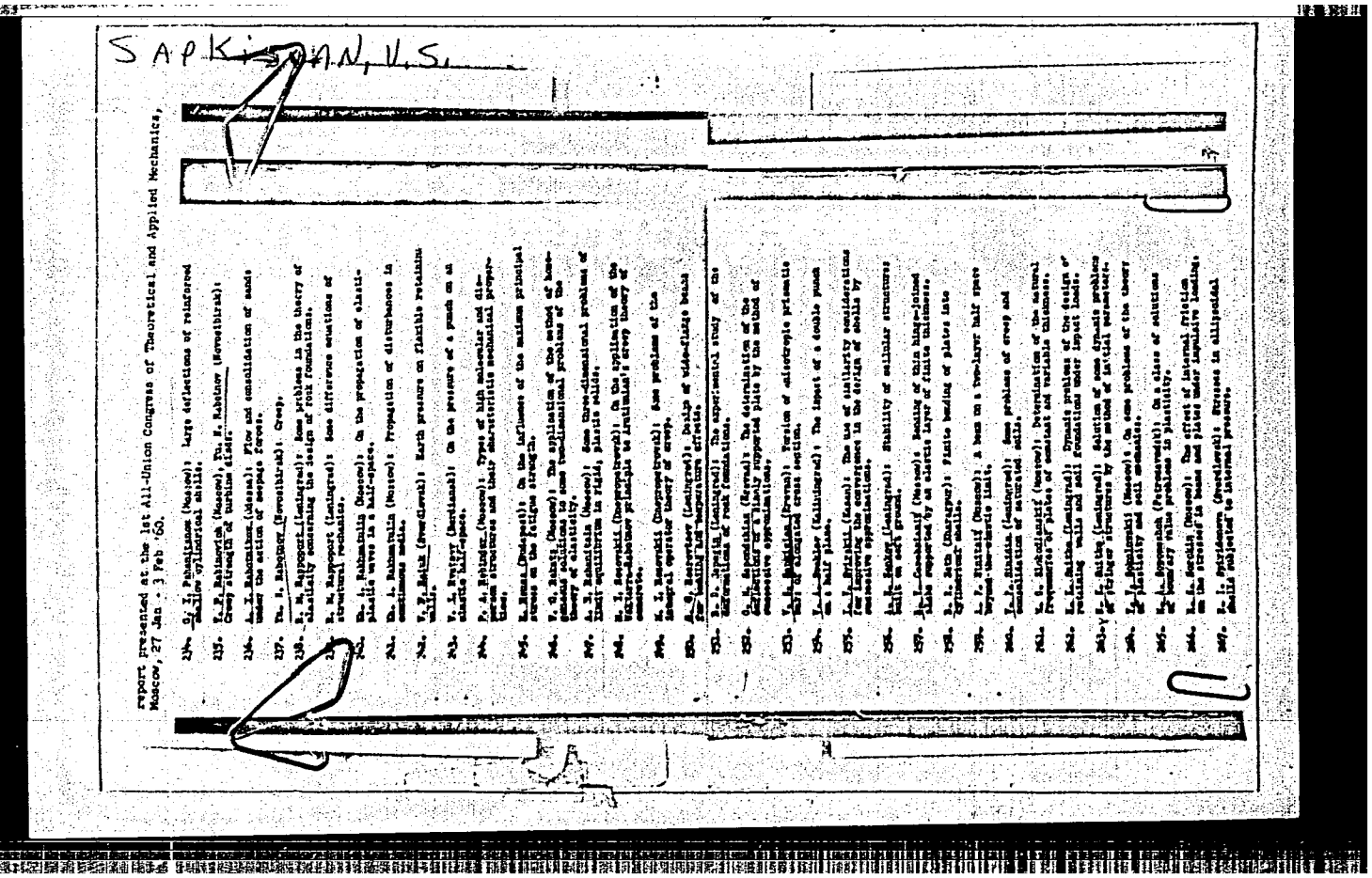

SAPKIN, V.S.

Report presented at the 1st All-Union Congress of Theoretical and Applied Mechanics, Moscow, 27 Jan. - 3 Feb 60.

234. G.I. Pshenichnov (Moscow): Large deflections of reinforced shallow cylindrical shells.

235. F.A. Baikerikov (Moscow), Yu. N. Rabotnov (Novosibirsk): Creep strength of turbine disks.

236. A.I. Rabotnikov (Minsk): Flow and consolidation of sands under the action of impact forces.

237. Yu. I. Ryabinin (Novosibirsk): Creep.

238. S.M. Rapoport (Leningrad): Some problems in the theory of elasticity concerning the design of rock foundations.

239. M. Rapoport (Leningrad): Some difference equations of structural mechanics.

240. L. Rabinovich (Moscow): On the propagation of elastic plastic waves in a half-space.

241. L. Rabinovich (Moscow): Propagation of disturbances in continuous media.

242. V.D. Reis (Sverdlovsk): Earth pressure on flexible retaining walls.

243. V.I. Rvachev (Kharkhov): On the pressure of a punch on an elastic half-space.

244. P.A. Rebinder (Moscow): Types of high molecular and disperse structures and their characteristic mechanical properties.

245. E. Reuss (Budapest): On the influence of the medium principal stress on the fatigue strength.

246. V.D. Reznik (Moscow): The application of the method of boundary collocation to some two-dimensional problems of the theory of elasticity.

247. A.R. Rzhanitsin (Moscow): Some three-dimensional problems of limit equilibrium in rigid, plastic solids.

248. R. Serpieri (Georgetown): On the application of the Hertz-Boussinesq principle to Reissner's creep theory of concrete.

249. I. Serpieri (Georgetown): Some problems of the Saint-Venant creep theory of creep.

250. G.M. Sgovbidze (Tbilisi): The determination of the deflection of a plate supported by the method of successive approximations.

251. V.A. Shapiro (Perm): Torsion of electrode prismatic bar of complex cross section.

252. A.A. Shebeko (Leningrad): The impact of a double punch on a half plate.

253. A.A. Shtaerman (Kazan): The use of similarity considerations for improving the convergence in the finite difference and successive approximation.

254. A.A. Shukayev (Leningrad): Stability of cellular structures built on soft ground.

255. A.A. Skachkov (Moscow): Bending of thin ring-joined tube reported by an elastic layer of finite thickness.

256. A.A. Sveklo (Dnepropetrovsk): Plastic bending of plates into cylindrical shells.

257. L.P. Snitkovskiy (Moscow): A beam on a two-layer half space beyond the elastic limit.

258. A.A. Sokolov (Leningrad): Some problems of creep and consolidation of saturated soils.

259. N.N. Sokolovskiy (Moscow): Determination of the natural frequencies of plates of constant and variable thickness.

260. A.A. Sokolov (Leningrad): Dynamic problems of the design of retaining walls and soil foundations under impact loads.

261. A.A. Sveklo (Leningrad): Solution of some dynamic problems of flexible structures by the method of initial parameters.

262. A.A. Spakovskiy (Moscow): On some problems of the theory of plasticity and soil mechanics.

263. M.A. Sternzat (Petrozavodsk): On a class of solutions of boundary value problems in plasticity.

264. A.A. Sveklo (Moscow): The effect of internal friction in the structure beam and plates under impulsive loading.

265. A.A. Pyatidesov (Sverdlovsk): Stresses in elliptical shells subjected to internal pressure.

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AUTHOR: Sarkisyan, V. S.

TITLE: Torsion of anisotropic prismatic rods with a cross section in the form of an extended airfoil section

PERIODICAL: Izvestiya Akademii nauk Armyanskoy SSR. Seriya fiziko-matematicheskikh nauk, v. 14, no. 2, 1961, 45-70

TEXT: In the present study, the author continues a series of papers by other authors (L. S. Leybenzon, D. Yu. Panov, V. D. Vantorin, A. R. Yanpol'skiy) on the torsion of orthotropic and non-orthotropic rods with airfoil sections of the special (semicubical parabola) and of the general type. He studies the torsion of a non-orthotropic rod, the cross section of which has the form of an extended airfoil section of the general type. He proceeds from the "profile equations":

$$y = a\,(x/b)^m\left[1 - (x/b)^p\right]^q,$$

$$y = -a_1\,(x/b)^m\left[1 - (x/b)^p\right]^q$$

and the differential equation:

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Torsion of ...

$a_{11}\frac{\partial^2\Psi}{\partial x^2} - 2a_{12}\frac{\partial^2\Psi}{\partial x\partial y} + a_{22}\frac{\partial^2\Psi}{\partial y^2} = -2\vartheta$ (ϑ = relative angle of torsion) for the stress function Ψ with the boundary condition $\Psi = 0$ along the profile contour. The stress function is found by the method of the small parameter (λ) by setting $y = \lambda\eta$, $\Psi(x, y) = \phi(x,\eta; \lambda)$. Now, the equation for the stress function has the form:

$\lambda^2 a_{11}\frac{\partial^2\phi}{\partial x^2} - 2\lambda a_{12}\frac{\partial^2\phi}{\partial x\partial\eta} + a_{22}\frac{\partial^2\phi}{\partial\eta^2} = -2\vartheta\lambda^2$, the profile equations:

$y = \lambda c_1\varphi(x)$, $y = \lambda c_2\varphi(x)$, and the boundary conditions:
$\phi[x, c_1\varphi(x); \lambda] = 0$, $\phi[x, c_2\varphi(x); \lambda] = 0$. The formulation

$\phi(x,\eta;\lambda) = \sum_{k=0}^{\infty} P_k(x,\eta)\cdot\lambda^k$ leads to a system of recurrent differential equations for the functions P_k. The first five of them: P_o ($\equiv 0$),

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P_1 ($\equiv 0$), P_2, P_3, P_4 are computed, and substituted in the expression for Ψ. Then, the author determines the torsional strength of the rod:

$$C_t = \frac{2}{\nu} \int_0^b \int_{\lambda c_2 \varphi}^{\lambda c_1 \varphi} \Psi(x, y)\, dxdy,$$ the tangential stresses τ_{xz} and τ_{yz}, as well as the maximum value $|\tau_{xz}|^{max}$. Then, he deals with special cases: rod with sickle-shaped, parabolic profile; rod with profile in the form of a parabolic segment; rod with profile in the form of a semicubical parabola. Finally, the author examines the accuracy of approximate formulas for torsional strength. A. Sh. Lokshin is mentioned in a footnote. There are 4 figures, 6 tables, and 22 references: 17 Soviet-bloc and 5 non-Soviet-bloc.

ASSOCIATION: Yerevanskiy gosudarstvennyy universitet (Yerevan State University)

SUBMITTED: November 22, 1960

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AUTHOR: Sarkisyan, V. S.

TITLE: Flexure of anisotropic, prismatic and thin, symmetrical beams

PERIODICAL: Akademiya nauk Armyanskoy SSR. Izvestiya. Seriya fiziko-matematicheskikh nauk, v.14, no.4, 1961, 71-86

TEXT: The solution for the problem of beam flexure is found in the form of a series in powers of the small parameter λ. Expressions are obtained for the stress functions, the tangential stresses, the relative angle of torsion and the shear (flexure) center. As an example, the flexure problem for an airfoil section is solved. Fig.1 shows the prismatic beam. The beam sections are bounded by two arcs of the curves

$$y = \lambda f(x) \qquad (0 < \lambda < 1)$$

$$y = -\lambda f(x) \qquad (1,1)$$

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Flexure of anisotropic...

The stressed state is expressed by

$$\sigma_x = \sigma_y = \tau_{xy} = 0,$$

$$\tau_{xz} \neq 0 \quad \tau_{yz} \neq 0,$$

$$\sigma_z = -\frac{P}{I} zy, \qquad (1.2)$$

where I is the moment of inertia with respect to the x-axis, P is the force directed along the y-axis. By virtue of the compatibility equations one obtains, for determining the stress function, the equation

$$a_{44} \frac{\partial^2 \psi}{\partial x^2} - 2a_{45} \frac{\partial^2 \psi}{\partial x \partial y} + a_{55} \frac{\partial^2 \psi}{\partial y^2} = -\frac{P}{I} (2a_{13}x + a_{36}y) - 2\vartheta -$$

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Flexure of anisotropic ...

$$- a_{44} \frac{\lambda^2 P}{2I} Df^2 - a_{45} \frac{P}{I} y, \qquad (1.6)$$

where ϑ is a constant yet to be determined which represents the angle of torsion, a_{ij} are the elastic constants, and

$$D^k = \frac{\partial^k}{\partial x^k} \quad (k=1,2,3,\ldots)$$

By the transformation

$$y = \lambda\eta, \quad \psi(x,y) = \frac{P}{I_0} \Phi(x, \eta; \lambda), \quad \vartheta = \frac{P}{I_0} \theta \qquad (1.8)$$

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Flexure of anisotropic ...

one obtains

$$\lambda^3 a_{44} \frac{\partial^2 \Phi}{\partial x^2} - 2\lambda^2 a_{45} \frac{\partial^2 \Phi}{\partial x \partial \eta} + \lambda a_{55} \frac{\partial^2 \Phi}{\partial \eta^2} = - 2a_{13} x - \lambda \eta (a_{36} + a_{45}) - \lambda^2 a_{44} \frac{Df^2}{2} - 2\theta\lambda^3 \qquad (1.9)$$

The solution of Eq. (1.9) is expressed in series in λ:

$$\Phi(x, \eta; \lambda) = \frac{Q_{-1}(x,\eta)}{\lambda} + \sum_{k=0}^{\infty} Q_k(x,\eta)\lambda^k \qquad (1.11)$$

Thereupon, the functions Q are determined by recursion formulas. Finally, one obtains for the stress function the formula

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$$\Psi(x, y) = \frac{P}{I}(y^2 - \lambda^2 f^2)\left\{A_{-1}x + A_0 y + \lambda^2\left[A_{10}Df^2 + A_{11}xD^2f^2 + \right.\right.$$
$$+ y(A_{21}D^2f^2 + A_{22}xD^3f^2) + (y^2 - \lambda^2 f^2)(A_{30}D^3f^2 + A_{31}xD^4f^2) +$$
$$\left. + (y^2 - 5\lambda^2 f^2)(A_{32}D^3f^2 + A_{33}xD^4f^2)\right] + \lambda^3 A_{20}\frac{I_0 \vartheta}{P} +$$
$$\left. + \lambda^4\left[(A_{34}D^2f^2 + A_{35}xD^3f^2)Df^2 + (A_{36}Df^2 - 6A_{33}xD^2f^2)D^2f^2\right]\right\} + \cdots \qquad (1.17)$$

(where the coefficients A involve the constants a_{ij}). Determining stress components, ϑ and the shear center: Expressions for the stress components τ_{zx} and τ_{yz} are derived. For ϑ one obtains

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Flexure of anisotropic ...

$$\vartheta = \frac{3Pa_{55}}{8\left(\int_{-b_1}^{b_2} f^3(x)dx\right)^2}\left\{\frac{1+4A_{-1}}{\lambda^3}\int_{-b_1}^{b_2} xf^3(x)dx + \frac{4A_{11}}{\lambda}\int_{-b_1}^{b_2} f^3(x)xD^2f^2dx - \right.$$

$$\left. -\lambda\left[\int_{-b_1}^{b_2} f^3(x)\,B_1(x,a_{ij})dx + \int_{-b_1}^{b_2} f^5(x)B_2(x,a_{ij})dx\right]\right\} + \ldots \quad (2.6)$$

If the point of application of the force coincides with the shear center, then there is no torsion. In this case one should set $\vartheta = 0$ in Eq. (1.17). Thereupon, the coordinate $\bar{x}$ of the center of shear is determined by the well-known Duncan-Leybenzon formula

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Flexure of anisotropic ...

$$\bar{x} = \frac{1}{P} \int_{-b_1}^{b_2} \int_{-\lambda f}^{\lambda f} (\tau_{xz} y - \tau_{yz} x)\, dxdy$$

Griffith and Taylor determined, by approximate methods, the position of the center of shear for an isotropic prismatic beam. Their formula gives an underestimate for the coordinates of the shear center. L. S. Leybenzon's formula for the center of shear of an orthotropic beam, gives an overestimate with respect to the exact value (Ref. 1: Sobraniye trudov, v. 1, Izd. AS SSSR, M., 1951). From these two formulas (for the under- and overestimate), the author derives the exact formula for coordinates of the center of shear of an anisotropic (non-orthotropic) symmetrical beam. In this formula, the first term corresponds to the center of shear of an orthotropic beam, and the other terms are due to non-orthotropicity. The above results are illustrated by means of an airfoil (Prof.

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